

39. A rectangular box has a length of 10 feet, a width of 6 feet, and a height of 4 feet. The longest straight rod that could fit in the box would have to go **along the diagonal** between opposite corners. To the nearest tenth of a foot, how long is the longest rod that fits?

- E) 10 feet
- F) 11.7 feet
- G) 12 feet
- H) 12.3 feet